

ABSTRACT OF THE DISCLOSURE

A fluid flow measuring method is provided which is high in the sensitivity and the response and wide in the dynamic range. A flow measuring apparatus measures flow of fluid based on a difference in radiation of heat between an upstream side and a downstream side of a heating member provided in the fluid. The apparatus includes an upstream temperature sensor provided on the upstream side of the heating member for measuring first temperature; a downstream temperature sensor provided on the downstream side of the heating member for measuring second temperature; and a circuit for controlling power to the heating member to maintain an average temperature level of the first temperature measured by the upstream temperature sensor and the second temperature measured by the downstream temperature sensor at a predetermined level.